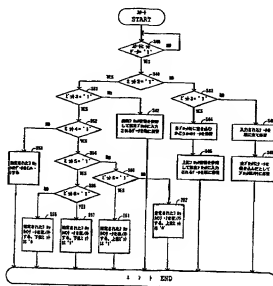




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(71) 出願人 (米国を除くすべての指定国について) コピー株式会社(COPYER CO., LTD.)(JP/JP) 〒181-8520 東京都三鷹市下連雀6丁目3番3号 Tokyo, (JP) (72) 発明者; および (75) 発明者/出願人 (米国についてのみ) 福田道隆(FUKUDA, Michitaka)(JP/JP) 〒181-8520 東京都三鷹市下連雀6丁目3番3号 コピー株式会社内 Tokyo, (JP) (74) 代理人 半田昌男(HANDA, Masao) 〒166-0012 東京都杉並区和田2丁目3番8号 三栄ビル4階 Tokyo, (JP)		

(54) Title: METHOD OF SYNCHRONOUS SERIAL COMMUNICATION AND SYSTEM FOR SYNCHRONOUS SERIAL COMMUNICATION

(54) 発明の名称 同期シリアル通信方法及び同期シリアル通信システム



ABSTRACT

This invention provides a method for synchronous serial communication and a system for synchronous serial communication capable of increasing the speed of the transmission of serial data. The full mode is a mode under which the conventional synchronous serial communication is achieved. The block mode is a mode which is introduced if transmission of serial data having a specific length is required, and under which data to be transmitted are divided into plural blocks, and firstly transmitted is block information that notifies which blocks out of the entire blocks will be transmitted, and then transmitted are the data included in the blocks notified by the block information. The burst mode is a mode under which the block information which is currently transmitted is compared with the block information which was previously transmitted, and, if the two are the same, transmission of the data is introduced, while the block information being omitted. The system attaches mode information notifying the mode through which data will be transmitted, to the data to be transmitted.